Torch device selected: cuda

Files already downloaded and verified

Files already downloaded and verified

------- EPOCH #1 --------

Train set: Average loss: 2.0561, Accuracy: 16787/50000 (34%)

Test set: Average loss: 1.9814, Accuracy: 3900/10000 (39%)

------- EPOCH #2 --------

Train set: Average loss: 1.9526, Accuracy: 20973/50000 (42%)

Test set: Average loss: 1.9283, Accuracy: 4408/10000 (44%)

------- EPOCH #3 --------

Train set: Average loss: 1.9224, Accuracy: 22153/50000 (44%)

Test set: Average loss: 1.9105, Accuracy: 4593/10000 (46%)

------- EPOCH #4 --------

Train set: Average loss: 1.9020, Accuracy: 23126/50000 (46%)

Test set: Average loss: 1.8883, Accuracy: 4814/10000 (48%)

------- EPOCH #5 --------

Train set: Average loss: 1.8834, Accuracy: 24295/50000 (49%)

Test set: Average loss: 1.8719, Accuracy: 4971/10000 (50%)

------- EPOCH #6 --------

Train set: Average loss: 1.8675, Accuracy: 25002/50000 (50%)

Test set: Average loss: 1.8631, Accuracy: 5003/10000 (50%)

------- EPOCH #7 --------

Train set: Average loss: 1.8531, Accuracy: 25785/50000 (52%)

Test set: Average loss: 1.8601, Accuracy: 5075/10000 (51%)

------- EPOCH #8 --------

Train set: Average loss: 1.8399, Accuracy: 26676/50000 (53%)

Test set: Average loss: 1.8421, Accuracy: 5189/10000 (52%)

------- EPOCH #9 --------

Train set: Average loss: 1.8282, Accuracy: 27480/50000 (55%)

Test set: Average loss: 1.8343, Accuracy: 5477/10000 (55%)

------- EPOCH #10 --------

Train set: Average loss: 1.8184, Accuracy: 28019/50000 (56%)

Test set: Average loss: 1.8217, Accuracy: 5658/10000 (57%)

------- EPOCH #11 --------

Train set: Average loss: 1.8097, Accuracy: 28597/50000 (57%)

Test set: Average loss: 1.8241, Accuracy: 5481/10000 (55%)

------- EPOCH #12 --------

Train set: Average loss: 1.8015, Accuracy: 28963/50000 (58%)

Test set: Average loss: 1.8129, Accuracy: 5685/10000 (57%)

------- EPOCH #13 --------

Train set: Average loss: 1.7940, Accuracy: 29538/50000 (59%)

Test set: Average loss: 1.8118, Accuracy: 5770/10000 (58%)

------- EPOCH #14 --------

Train set: Average loss: 1.7870, Accuracy: 29917/50000 (60%)

Test set: Average loss: 1.8064, Accuracy: 5757/10000 (58%)

------- EPOCH #15 --------

Train set: Average loss: 1.7821, Accuracy: 30180/50000 (60%)

Test set: Average loss: 1.7953, Accuracy: 6039/10000 (60%)

------- EPOCH #16 --------

Train set: Average loss: 1.7765, Accuracy: 30399/50000 (61%)

Test set: Average loss: 1.7965, Accuracy: 5962/10000 (60%)

------- EPOCH #17 --------

Train set: Average loss: 1.7717, Accuracy: 30691/50000 (61%)

Test set: Average loss: 1.8018, Accuracy: 5796/10000 (58%)

------- EPOCH #18 --------

Train set: Average loss: 1.7655, Accuracy: 30880/50000 (62%)

Test set: Average loss: 1.7964, Accuracy: 5965/10000 (60%)

------- EPOCH #19 --------

Train set: Average loss: 1.7619, Accuracy: 31215/50000 (62%)

Test set: Average loss: 1.7893, Accuracy: 6141/10000 (61%)

------- EPOCH #20 --------

Train set: Average loss: 1.7574, Accuracy: 31426/50000 (63%)

Test set: Average loss: 1.7894, Accuracy: 6123/10000 (61%)

------- EPOCH #21 --------

Train set: Average loss: 1.7531, Accuracy: 31596/50000 (63%)

Test set: Average loss: 1.7877, Accuracy: 6099/10000 (61%)

------- EPOCH #22 --------

Train set: Average loss: 1.7481, Accuracy: 31869/50000 (64%)

Test set: Average loss: 1.7813, Accuracy: 6239/10000 (62%)

------- EPOCH #23 --------

Train set: Average loss: 1.7447, Accuracy: 31996/50000 (64%)

Test set: Average loss: 1.7806, Accuracy: 6211/10000 (62%)

------- EPOCH #24 --------

Train set: Average loss: 1.7423, Accuracy: 32042/50000 (64%)

Test set: Average loss: 1.7893, Accuracy: 6137/10000 (61%)

------- EPOCH #25 --------

Train set: Average loss: 1.7380, Accuracy: 32355/50000 (65%)

Test set: Average loss: 1.7801, Accuracy: 6174/10000 (62%)

------- EPOCH #26 --------

Train set: Average loss: 1.7344, Accuracy: 32544/50000 (65%)

Test set: Average loss: 1.7857, Accuracy: 6132/10000 (61%)

------- EPOCH #27 --------

Train set: Average loss: 1.7306, Accuracy: 32685/50000 (65%)

Test set: Average loss: 1.7742, Accuracy: 6242/10000 (62%)

------- EPOCH #28 --------

Train set: Average loss: 1.7284, Accuracy: 32812/50000 (66%)

Test set: Average loss: 1.7833, Accuracy: 6079/10000 (61%)

------- EPOCH #29 --------

Train set: Average loss: 1.7245, Accuracy: 32947/50000 (66%)

Test set: Average loss: 1.7719, Accuracy: 6152/10000 (62%)

------- EPOCH #30 --------

Train set: Average loss: 1.7213, Accuracy: 32931/50000 (66%)

Test set: Average loss: 1.7728, Accuracy: 6228/10000 (62%)

accuracy is 62.42

Chart, line chart

Description automatically generated

Training and evaluation finished